INDEX

Volume 5, September 1975—May 1976

Journal of College Science Teaching

Author Index

Aikenhead, Glen S. *The Periodicity Puzzle Lab.* September: 33. (How I Do It)

Allen, Robert D., Pat Canary, and Carol Hudachek. *Student Response to Extra Credit Opportunities in a General Biology Course.* May: 312.

Bachmann, Kenneth A. *Computerized Examination: Application to the Clinical Biochemistry Laboratory.* November: 124. (What's New in Science Teaching)

Baker, S. Dennis, John J. Koran, Jr., and Albert W. Strickland III. *Findings and Implications for Practice: Part II.* November: 118. (Research on College Science Teaching)

Ball, Daniel W. and Steve A. Sayre. *Piagetian Development in Students.* September: 23.

Berman, Louis. *The Wayward Heavens in Literature.* November: 82.

Barnard, W. Robert, Contributing Editor: *Instructional Media.* September: 64.

Berry, J., L. Gillet, and T. Didato. *A Remedial Course in College Biology?* January: 177. (How I Do It)

Black, David G., Jr. and Jack W. Powers. *Research in the Undergraduate College.* January: 171.

Blaustein, Ernest H., Contributing Editor, *Books.* September: 44; November: 111; January: 186; March: 252; May: 330.

Brooks, David W. and Hanna Levenson. *Student Evaluation of Lectures versus Graduate Student Laboratory Instructors in Introductory Chemistry.* November: 85.

Brown, Lynne Harrington and Martha Oakley Chiscon. *Aid for Women in Science.* September: 54. (What's New in Science Teaching)

Broudy, H. S. *Science, Technology, and the Diminished Mind.* May: 292.

Burns, Scott F. *Science Can Be Fun and Tasty: Winemaking in the Lab.* January: 160.

Calandra, Alexander. *Science and Meditation.* May: 301.

Calhoun, James F. *Self-Pacing and Performance in a Personalized System of Instruction.* March: 230.

Canary, Pat, Robert D. Allen, and Carol Hudachek. *Student Response to Extra Credit Opportunities in a General Biology Course.* May: 312.

Case, Christine L. *Audiovisual Aids for Teaching Environmental Health Science.* September: 51. (What's New in Science Teaching)

Case, Christine L. *Computer-Assisted Instruction in Undergraduate Microbiology.* May: 329. (What's New in Science Teaching)

Chiscon, Martha Oakley and Lynne Harrington Brown. *Aid for Women in Science.* September: 54. (What's New in Science Teaching)

Clark, Vernon. *Metric System.* September: 53. (What's New in Science Teaching)

Cronholm, Lois S. and Stuart E. Neff. *The Demonstration of Koch's Postulates with Serratiosis in Insects.* September: 27. (How I Do It)

Daniels, Jane Z. and Gerald H. Krockover. *The Geosciences Today—An Introductory College Seminar.* September: 50. (What's New in Science Teaching)

DeLuca, Frederick P. and John W. Renner. *Structured Inquiry Approach to Introductory Laboratory vs. an Expository Approach.* May: 307.

Derrick, M. E. and S. M. Lea. *A Science Seminar Program for Two-Year Colleges.* March: 263. (What's New in Science Teaching)

Didato, T., J. Berry, and L. Gillet. *A Remedial Course in College Biology?* January: 177. (How I Do It)

Dietzman, Burton D. and Wesley E. Lingren. *A Premedical Field Experience.* September: 52. (What's New in Science Teaching)

Dolezalek, Hans. *Remarks on Atmospheric Electricity.* September: 12.

Dunlop, David L. and Frank Fazio. *Piagetian Theory and Abstract Preferences of College Science Students.* May: 297.

Eckblad, James W. *A Dichotomous Key to Standard Biostatistical Procedures.* January: 173. (How I Do It)

Elliott, Walt and Carla Lowry. *Kinesiology, the Physics of Sports, and the Public Interest.* November: 99. (How I Do It)

Estee, Charles R., Contributing Editor: *What's New in Science Teaching.* September: 50; November: 121; March: 261; May: 328.

Fazio, Frank and David L. Dunlop. *Piagetian Theory and Abstract Preferences of College Science Students.* May: 297.

Fryshman, Bernard. *Observing Research Scientists—A Laboratory Experience for Nonscience Majors.* September: 31. (How I Do It)

Fuller, Robert G. *Your Classroom as an Experiment in Education: The Reinforcement Theory of Learning.* March: 259. (Research on College Science Teaching)

Gerlach, E. R. *A Science Writing Experience for Undergraduate Students.* November: 122. (What's New in Science Teaching)

Gillet, L., J. Berry, and T. Didato. *A Remedial Course in College Biology?* January: 177. (How I Do It)

Golmon, Melton E. and Harris J. Linder. *Teaching General Zoology—Strategies with Multimedia.* May: 303.

Hageseth, Gaylord T. *Captive Students, Transactional Analysis, and Science Teaching.* September: 24.

Hannon, Ralph H. *A Business Approach to Learning Science.* November: 122. (What's New in Science Teaching)

Hartman, Karel. *An Illuminated Periodic Table.* March: 236. (How I Do It)

Hinderliter, Hilton. *An Alternative Approach to Physical Science.* March: 262. (What's New in Science Teaching)

Howell, Grace F. and Ronald M. Weiner. *The Microbial Isolate: Relating the Acquisition of Fundamental Technique to Scientific Inquiry.* November: 96. (How I Do It)

Hudachek, Carol, Robert D. Allen, and Pat Canary. *Student Response to Extra Credit Opportunities in a General Biology Course.* May: 312.

Hurst, Robert N. *On the Way to Mastery.* January: 165.

Jones, Theodore H. D. *Development of an Integrated Laboratory Course-Research Program in Biochemistry.* May: 316. (How I Do It)

Kauffman, George B., Contributing Editor: *Abstracts.* September: 59; November: 129; January: 197; March: 264; May: 335.

Kelly, Paul S. *Instruction by Interview.* September: 30. (How I Do It)

King, C. J., D. M. Stowers, and H. H. Neuberger. *A Simple Low-Cost Air Pollution Indicator.* March: 240. (How I Do It)

Kolodiy, George. *The Cognitive Development of High School and College Science Students.* September: 20.

Koran, John J., Jr. *Part I: The Nature of Research Taking Place.* September: 35. (Research on College Science Teaching)

Koran, John J., Jr., S. Dennis Baker, and Albert W. Strickland III. *Findings and Implications for Practice: Part II.* November: 118. (Research on College Science Teaching)

Kramm, Kenneth R. *Research and Laboratory Instruction—An Experiment in Teaching.* January: 174. (How I Do It)

Krockover, Gerald H. and Jane Z. Daniels. *The Geosciences Today—An Introductory College Seminar.* September: 50. (What's New in Science Teaching)

Labianca, Dominick A. and William J. Reeves. *London Smog: A Topic of Interdisciplinary Study for the Nonscience Major.* November: 93.

Larson, James H. *A Paradox a Day Keeps the "Blahs" Away.* March: 238. (How I Do It)

Lawson, Anton E. and John W. Renner. *Intellectual Development in Preservice Elementary School Teachers: An Evaluation.* November: 89.

Lea, S. M. and M. E. Derrick. *A Science Seminar Program for Two-Year Colleges.* March: 263. (What's New in Science Teaching)

Levenson, Hanna and David W. Brooks. *Student Evaluation of Lectures versus Graduate Student Laboratory Instructors in Introductory Chemistry.* November: 85.

Linder, Harris J. and Melton E. Golmon. *Teaching General Zoology—Strategies with Multimedia.* May: 303.

Lingren, Wesley E. and Burton D. Dietzman. *A Premedical Field Experience.* September: 52. (What's New in Science Teaching)

Lockhart, William L. and Jimmy C. Stokes. *Batman vs. the Penguin and Cyanide.* January: 175. (How I Do It)

Lockhart, William L., Jimmy C. Stokes, and Hughlan W. Pope. *A Project-Oriented Laboratory for Science Major General Chemistry.* May: 328. (What's New in Science Teaching)

Lowry, Carla and Walt Elliott. *Kinesiology, the Physics of Sports, and the Public Interest.* November: 99. (How I Do It)

Lukas, Terrence G. and Richard W. Olsen. *A Cabinet for Your Multimedia System.* January: 206. (Instructional Media)

Maor, Eli. *Mathematics and the Arts.* March: 223.

Mills, William L. *Simple Laboratory Studies on the Effects of Mercury on Amoeba Proteus.* November: 100. (How I Do It)
Morris, J. Emory and M. M. Vestling. *Integrating Assignments in the Chemical Literature.* January: 176. (How I Do It)
Muncey, Mark. *Mamicrag: A Game for Anatomy Students.* September: 51. (What's New in Science Teaching)
Nechamkin, Howard. *The Recovery of Styrene from Styrofoam.* May: 322. (How I Do It)
Neff, Stuart E. and Lois S. Cronholm. *The Demonstration of Koch's Postulates with Serratiosis in Insects.* September: 27. (How I Do It)
Neuberger, H. H., D. M. Stowers, and C. J. King. *A Simple Low-Cost Air Pollution Indicator.* March: 240. (How I Do It)
Olsen, Richard W. *Systems Management Internship in the Preparation of College Biology Teachers.* May: 318. (How I Do It)
Olsen, Richard W. and Terrence G. Lukas. *A Cabinet for Your Multimedia System.* January: 206. (Instructional Media)
Paldy, Lester G. *Publication, Marketing, and Royalty Policies for NSF Educational Materials—Time for a New Look?* September: 37; *Knowledge, Authority, and Responsibility: The Debate Over Congressional Control of NSF Grants.* November: 105; *The Office of Technology Assessment—Can the Public Monitor Technology?* January: 180; *Congressional Review of NSF Implementation Programs: Politics and Polemics.* March: 246; *The NSF Science Education Program and the Politics of Peer Review.* May: 323 (National and Legislative View.)
Parker, O. Reese and H. Stephen Stoker. *Allowing Students a Second Chance on Examinations.* March: 232.
Poitras, Adrian W., Contributing Editor. *Equipment & New Products.* September: 55; November: 125; January: 191; March: 272; May: 341.
Pope, Hughlan W., Jimmy C. Stokes, and William L. Lockhart. *A Project-Oriented Laboratory for Science Major General Chemistry.* May: 328. (What's New in Science Teaching)
Powers, Jack W. and David G. Black, Jr. *Research in the Undergraduate College.* January: 171.
Reeves, William J. and Dominick A. Labianca. *London Smog: A Topic of Interdisciplinary Study for the Nonscience Major.* November: 93.
Renner, John W. and Anton E. Lawson. *Intellectual Development in Preservice Elementary School Teachers: An Evaluation.* November: 89.
Renner, John W. and Frederick P. DeLuca. *Structured Inquiry Approach to Introductory Laboratory vs. an Expository Approach.* May: 307.
Rowe, Mary Budd, Contributing Editor: *Research on College Science Teaching.* September: 35; November: 118; *The Pausing Principle—Two Invitations to Inquiry.* March: 258; *Minimizing Student Loss in Freshman and Sophomore Science Courses.* May: 333.
Russell, James. *Techniques for Evaluating Self-Instructional Materials.* January: 168.
Sanders, Steven G. *Techniques for Processing Student Grades.* September: 15.
Sayre, Steve A. and Daniel W. Ball. *Piagetian Development in Students.* September: 23.
Schubert, Leo. *Malpractice: I.* September: 11; *Malpractice: II.* November: 81; *Performance.* January: 159. *What Is Teachable?* March: 222; *Language and Teaching.* May: 291. (Editorial)
Shearer, Edmund C. *Applications of a Programmable Calculator in a Freshman Laboratory.* March: 244. (How I Do It)
Shrader, John S. *Declining College Enrollments: An Opportunity to Improve Scientific Literacy?* March: 261. (What's New in Science Teaching)
Simic, Andrei. *The Effects of Modernization and the Folk-Urban Dichotomy.* March: 227.
Sonnier, Isadore L. *The Health and Nutrition Examination Survey (HANES) Reports.* May: 310.
Stoker, H. Stephen and O. Reese Parker. *Allowing Students a Second Chance on Examinations.* March: 232.
Stokes, Jimmy C. and William L. Lockhart. *Batman vs. the Penguin and Cyanide.* January: 175. (How I Do It)
Stokes, Jimmy C., William L. Lockhart, and Hughlan W. Pope. *A Project-Oriented Laboratory for Science Major General Chemistry.* May: 328. (What's New in Science Teaching)
Stowers, D. M., C. J. King, and H. H. Neuberger. *A Simple Low-Cost Air Pollution Indicator.* March: 240. (How I Do It)
Strickland, Albert W. III, John J. Koran, Jr., and S. Dennis Baker. *Findings and Implications for Practice: Part II.* November: 118. (Research on College Science Teaching)
Taffe, William J. *Topics in the Natural Sciences.* November: 121. (What's New in Science Teaching)
Taylor, John A. and Lionel K. Walford. *The Open University Approach to Science Education.* March: 269. (Instructional Media)
Taylor, Thomas E. *Directed Study Time: One Element of an Experimental Procedure for Science Teaching.* May: 320. (How I Do It)
Vestling, M. M. and J. Emory Morris. *Integrating Assignments in the Chemical Literature.* January: 176. (How I Do It)
Vinson, James S. *Toward the Year 2000: An Interdisciplinary Course on the Future.* September: 29. (How I Do It)
Walford, Lionel K. and John A. Taylor. *The Open University Approach to Science Education.* March: 269. (Instructional Media)
Webb, J. E. *Learning from a Film.* November: 138. (Instructional Media)
Weiner, Ronald M. and Grace F. Howell. *The Microbial Isolate: Relating the Acquisition of Fundamental Technique to Scientific Inquiry.* November: 96. (How I Do It)
Wood, A. *Graphical Representation of Thermodynamic Functions.* November: 102. (How I Do It)
Zurheide, Fred W., Contributing Editor, *Instructional Media.* November: 138; January: 206; March: 269; May: 345.

Title Index

Abstracts. (See Kauffman, George B.)
Aid for Women in Science. Martha Oakley Chiscon and Lynne Harrington Brown. September: 54. (What's New in Science Teaching)
Allowing Students a Second Chance on Examinations. H. Stephen Stoker & O. Reese Parker. March: 232.
Alternative Approach to Physical Science, An. Hilton Hinderliter. March: 262. (What's New in Science Teaching)
Applications of a Programmable Calculator in a Freshman Laboratory. Edmund C. Shearer. March: 244. (How I Do It)
Audiovisual Aids for Teaching Environmental Health Science. Christine L. Case. September: 51. (What's New in Science Teaching)
Batman vs. the Penguin and Cyanide. William L. Lockhart and Jimmy C. Stokes. January: 175. (How I Do It)
Books. (See Blaustein, Ernest H.)
Business Approach to Learning Science, A. Ralph H. Hannon. November: 122. (What's New in Science Teaching)
Cabinet for Your Multimedia System, A. Terrence G. Lukas and Richard W. Olsen. January: 206. (Instructional Media)
Captive Students, Transactional Analysis, and Science Teaching. Gaylord T. Hageseth. September: 24.
Cognitive Development of High School and College Science Students, The. George Kolodiy. September: 20.
Computer-Assisted Instruction in Undergraduate Microbiology. Christine L. Case. May: 329. (What's New in Science Teaching)
Computerized Examination: Application to the Clinical Biochemistry Laboratory. Kenneth A. Bachmann. November: 124. (What's New in Science Teaching)
Congressional Review of NSF Implementation Programs: Politics and Polemics. March: 246. (National and Legislative View) Lester G. Paldy.
Declining College Enrollments: An Opportunity to Improve Scientific Literacy? John S. Shrader. March: 261. (What's New in Science Teaching)
Demonstration of Koch's Postulates with Serratiosis in Insects, The. Lois S. Cronholm and Stuart E. Neff. September: 27. (How I Do It)
Development of an Integrated Laboratory Course-Research Program in Biochemistry. Theodore H. D. Jones. May: 316. (How I Do It)
Dichotomous Key to Standard Biostatistical Procedures, A. James W. Eckblad. January: 173. (How I Do It)
Directed Study Time: One Element of an Experimental Procedure for Science Teaching. Thomas E. Taylor. May: 320. (How I Do It)
Editorial. (See Schubert, Leo)
Effects of Modernization and the Folk-Urban Dichotomy, The. Andrei Simic. March: 227.
Environment and the Citizen, The. November: 122. (What's New in Science Teaching)
Equipment & New Products. (See Poitras, Adrian W.)
Findings and Implications for Practice: Part II. John J. Koran, Jr., S. Dennis Baker, and Albert W. Strickland III. November: 118. (Research on College Science Teaching)
Geosciences Today, The—An Introductory College Seminar. Gerald H. Krockover and Jane Z. Daniels. September: 50. (What's New in Science Teaching)
Graphical Representation of Thermodynamic Functions. A. Wood. November: 102. (How I Do It)
Health and Nutrition Examination Survey (HANES) Reports, The. Isadore L. Sonnier. May: 310.
Illuminated Periodic Table, An. Karel Hartman. March: 236. (How I Do It)
Instruction by Interview. Paul S. Kelly. September: 30. (How I Do It)
Instructional Media. (See Barnard, W. Robert and Zurheide, Fred W.)
Integrating Assignments in the Chemical Literature. M. M. Vestling and J. Emory Morris. January: 176. (How I Do It)
Intellectual Development in Preservice Elementary School Teachers: An Evaluation. John W. Renner and Anton E. Lawson. November: 89.
Kinesiology, the Physics of Sports, and the Public Interest. Walt Elliott and Carla Lowry. November: 99. (How I Do It)
Knowledge, Authority, and Responsibility: the Debate Over Congressional Control of NSF Grants. Lester G. Paldy. November: 105. (National and Legislative View)
Language and Teaching. Leo Schubert. May: 291. (Editorial)

Learning from a Film. J. E. Webb. November: 138. (Instructional Media)
London Smog: A Topic of Interdisciplinary Study for the Nonscience Major. Dominick A. Labianca and William J. Reeves. November: 93.
Malpractice: I. Leo Schubert. September: 11. (Editorial)
Malpractice: II. Leo Schubert. November: 81. (Editorial)
Mamicrag: A Game for Anatomy Students. Mark Muncey. September: 51. (What's New in Science Teaching)
Mathematics and the Arts. Eli Maor. March: 223.
Metric System. Vernon Clark. September: 53. (What's New in Science Teaching)
Microbial Isolate, The: Relating the Acquisition of Fundamental Technique to Scientific Inquiry. Ronald M. Weiner and Grace F. Howell. November: 96. (How I Do It)
Minimizing Student Loss in Freshman and Sophomore Science Courses. Mary Budd Rowe. May: 333. (Research on College Science Teaching)
Minorities in Biomed. November: 124. (What's New in Science Teaching)
National and Legislative View. (See Paldy, Lester G.)
Nature of Research Taking Place, The: Part I. John J. Koran, Jr. September: 35. (Research on College Science Teaching)
NSF Science Education Program and the Politics of Peer Review, The. Lester G. Paldy (National and Legislative View) May: 323.
Observing Research Scientists—A Laboratory Experience for Nonscience Majors. Bernard Fryshman. September: 31. (How I Do It)
Office of Technology Assessment, The—Can the Public Monitor Technology? Lester G. Paldy. January: 180. (National and Legislative View)
On the Way to Mastery. Robert N. Hurst. January: 165.
Open University Approach to Science Education, The. John A. Taylor and Lionel K. Walford. March: 269. (Instructional Media)
Paradox a Day Keeps the "Blahs" Away! A. James H. Larson. (How I Do It) March: 238.
Pausing Principle, The—Two Invitations to Inquiry. Mary Budd Rowe. March: 258. (Research on College Science Teaching)
Performance. Leo Schubert. January: 159. (Editorial)
Periodicity Puzzle Lab, The. Glen S. Aikenhead. September: 33. (How I Do It)
Piagetian Development in Students. Steve A. Sayre and Daniel W. Ball. September: 23.
Piagetian Theory and Abstract Preferences of College Science Students. David L. Dunlop and Frank Fazio. May: 297.
Premedical Field Experience, A. Wesley E. Lingren and Burton D. Dietzman. September: 52. (What's New in Science Teaching)
Project-Oriented Laboratory for Science Major General Chemistry, A. Jimmy C. Stokes, William L. Lockhart, and Hughlan W. Pope. May: 328.
Publication, Marketing, and Royalty Policies for NSF Education Materials—Time for a New Look? Lester G. Paldy. September: 37. (National and Legislative View)
Recovery of Styrene from Styrofoam, The. Howard Nechamkin. May: 322. (How I Do It)
Remarks on Atmospheric Electricity. Hans Dolezalek. September: 12.
Remedial Course in College Biology, A? J. Berry, L. Gillet, and T. Didato. January: 177. (How I Do It)
Research and Laboratory Instruction—An Experiment in Teaching. Kenneth R. Kramm. January: 174. (How I Do It)
Research in the Undergraduate College. Jack W. Powers and David G. Black, Jr. January: 171.
Research on College Science Teaching. (See Rowe, Mary Budd)
Science and Meditation. Alexander Calandra. May: 301.
Science Can Be Fun and Tasty: Winemaking in the Lab. Scott F. Burns. January: 160.
Science Seminar Program for Two-Year Colleges, A. S. M. Lea and M. E. Derrick. March: 263. (What's New in Science Teaching)
Science, Technology, and the Diminished Mind. H. S. Broudy. May: 292.
Science Writing Experience for Undergraduate Students, A. E. R. Gerlach. November: 122. (What's New in Science Teaching)
Self-Pacing and Performance in a Personalized System of Instruction. James F. Calhoun March: 230.
Simple Laboratory Studies on the Effects of Mercury on Amoeba Proteus. William L. Mills. November: 100. (How I Do It)
Simple Low-Cost Air Pollution Indicator, A. D. M. Stowers, C. J. King, and H. H. Neuberger. March: 240. (How I Do It)
Solar Challenge for Students, A. November: 123. (What's New in Science Teaching)
Structured Inquiry Approach to Introductory Laboratory vs. an Expository Approach. Frederick P. DeLuca and John W. Renner. May: 307.
Student Evaluation of Lectures versus Graduate Student Laboratory Instructors in Introductory Chemistry. Hanna Levenson and David W. Brooks. November: 85.
Student Response to Extra Credit Opportunities in a General Biology Course. Robert D. Allen, Pat Canary, and Carol Hudachek. May: 312.
Systems Management Internship in the Preparation of College Biology Teachers. Richard W. Olsen. May: 318. (How I Do It)
Techniques for Evaluating Self-Instructional Materials. James Russell. January: 168.
Techniques for Processing Student Grades. Steven G. Sanders. September: 15.
Teaching General Zoology—Strategies with Multimedia. Harris J. Linder and Melton E. Golmon. May: 303.
Television Lessons in Biology and Science. September: 53. (What's New in Science Teaching)
Topics in the Natural Sciences. William J. Taffe. November: 121. (What's New in Science Teaching)
Toward the Year 2000: An Interdisciplinary Course on the Future. James S. Vinson. September: 29. (How I Do It)
Wayward Heavens in Literature, The. Louis Berman. November: 82.
What Is Teachable? Leo Schubert. March: 222. (Editorial)
What's New in Science Teaching. (See Estee, Charles R.)
Your Classroom as an Experiment in Education: The Reinforcement Theory of Learning. Robert G. Fuller. March: 259. (Research on College Science Teaching)

DISCOVERY IN ECUADOR

An expedition sponsored by the National Science Foundation's Division of Behavioral Sciences and the Banco Central of Ecuador has found evidence of a prehistoric civilization that predates any in the Americas by several centuries.

Scientists dug a site of Valdivia culture which by 3000 BC was a town of more than 1,000. They did not build with stone, and therefore buildings did not survive. There are other evidences, however, that substantiate the find.

Carbon-14 tests have indicated that the earliest pottery found on the site was made well before 3000 BC. As excavated, the village is located two miles from the Pacific Ocean, was sturdily constructed, and had multi-family homes arranged around a rectangular plaza. The form of city plan used was used 2,700 years later by the Maya of Yucatan.

The village site contained evidence of human sacrifice and other religious customs. Archaeologists found four burials of domesticated dogs . . . the oldest such evidence ever found in South America. It was surmised that the animals were domesticated by studies of their teeth, which like those of the humans found, were worn down from eating corn meal containing grit from grinding stones.

The Valdivian village is thought to have been occupied for about 800 years.

HIDDEN ENERGY DEMANDS

"Indirect energy" calculations may revolutionize the assessment of the environmental impact of new fuel sources and construction projects, according to a recently completed study by the Council on the Environment of New York City (CENYC). "Ten million tons of coal may be buried in a seam," the article explains, "but if it takes three tons of energy to extract the ten tons, the seam contains only seven tons of effective energy." Different forms of fuel have different quotients of effective energy. Similarly, projects during the construction stage consume not only the energy needed to operate heavy equipment, but also the energy required to fabricate and transport the necessary steel, concrete, and other materials. Such hidden energy demands may exceed—and, in some cases, overshadow—the more obvious direct energy demands. The CENYC study concludes that those responsible for the implementation of the nation's premier environmental law, the National Environmental Policy Act, have failed to consider indirect energy calculations fully, and as a result many environmental impact statements are inadequate. CENYC, which sponsored the study, is a privately funded citizens organization affiliated with the Office of the Mayor (of New York City). Reprints of the 46-page article, entitled "Disclosure of Hidden Energy Demands: A New Challenge for NEPA," are available from the Council, 51 Chambers Street, Room 228, New York, NY 10007.